

Claims

1. An attachment element for the selective bearing of a fluid operated power cylinder (10) in a pivotal and/or fixed manner, comprising a base region (33) having attachment means (45) for its attachment on a support structure (35) and from which two attachment arms (32) extend opposite each other with a distance between them, the attachment arms (32) being provided with bearing means (29) for a pivotal bearing engagement on oppositely placed sides of the outer periphery of the power cylinder (10) and the base section (33) is designed with bearing means (41) for any additional terminal interlocking bearing engagement with the power cylinder (10) as may be required.

2. The attachment element as set forth in claim 1, characterized in that second bearing means (29) are arranged on the attachment arms (32) and may be connected with first bearing means arranged on oppositely arranged sides of the outer periphery of the housing (14) of the power cylinder (10).

3. The attachment element as set forth in claim 1 or claim 2, characterized in that on free ends thereof the attachment arms (32) respectively have second bearing means (29) for bearing the power cylinder (10).

4. The attachment element as set forth in claim 2 or claim 3, characterized in that the first bearing means (27) of the power cylinder (10) are designed as receiving means (28) or recesses and the second bearing means (29) of the attachment element (12) are designed in the form of bolts or pins.

5. The attachment element as set forth in claim 2 or claim 3, characterized in that the first bearing means (27) of the power cylinder (10) are in the form of bolts or pins and the second bearing means (29) of the attachment element (12) are in the form of receiving means (28) or recesses.

6. The attachment element as set forth in any one of the claims 1 through 5, characterized in that the attachment arms (32) are arranged in a resiliently elastic manner on the base region (33).

7. The attachment element as set forth in any one of the preceding claims, characterized in that in the base

region (33) third bearing means (41) are provided for locking a free end, more particularly for interlocking engagement of a centering projection (44), of the power cylinder (10).

8. The attachment element as set forth in claim 7, characterized in that the third bearing means (41) are in the form of a centering hole (42) for interlocking reception of the centering projection (44) on at least one end side of the power cylinder (10).

9. The attachment element as set forth in any one of the preceding claims, characterized in that on the base region (33) of the attachment element (12) at least two attachment holes (46) are formed as attachment means (45), such holes being arranged clear of the attachment arms (32).

10. The attachment element as set forth in any one of the preceding claims, characterized in that it is made in one piece.

11. The attachment element as set forth in any one of the preceding claims, characterized in that it consists of metallic flat material, more particularly spring steel.

12. The attachment element as set forth in any one of

the claims, characterized in that it is in the form of a stamped and bent part.

13. The attachment element as set forth in any one of the preceding claims, characterized in that the attachment arms (32) are respectively anchored by means of an angled foot region of the base region (33) of the attachment element (12).

14. The attachment element as set forth in any one of the preceding claims, characterized in that the first bearing means (27) of the power cylinder (10) are adapted to be connected with the second bearing means (29) of the attachment element (12) by detent action as part of a temporary thrusting apart of the resiliently elastic attachment arms (32).

15. The attachment element as set forth in claim 14, characterized in that the attachment arms (32), following their connection with the power cylinder (10), are prevented from being thrust apart by bent over support lugs (48).

16. The attachment element as set forth in claim 15, characterized in that the support lugs (48) are able to be thrust against the attachment arms (32) by bending and angling of oppositely placed free ends of the base region

(33) .

17. The attachment element as set forth in claim 16, characterized in that the support lugs (48), after fitting the attachment element (23) are held in their position locating the attachment arms (32) in position.

18. An end cap of a power cylinder designed for being borne on an attachment element (12) as set forth in at least one of the preceding claims, comprising first bearing means (27) on mutually oppositely placed sides of the outer periphery of the cylinder end cap (18 and 20), and an axial through hole (58), which is prepared for selectively bearing a piston rod (24) or receiving a plug (26) and which opens into a centering projection (44) provided at an outer end face of the cylinder end cap (18 and 20), the first bearing means (27) being designed for connection with second bearing means (29) provided on attachment arms (32) of the attachment element (12) and the centering projection (44) is designed for connection with third bearing means (41) provided on the base region (33) of the attachment element (12) .

19. The cylinder end cap as set forth in claim 18, characterized by a design in the form of a bearing end cap, the piston rod (24) being able to be borne in the axial

through hole (58), not closed by a plug, for axial sliding movement and with a radial supporting action.

20. The cylinder end cap as set forth in claim 18 or claim 19, characterized by a design as a terminating cap, the axial through hole (58) being sealed off in a pressure-tight fashion by means of the inserted plug.

21. The cylinder end cap as set forth in claim 20, characterized in that the plug is able to be secured in position by means of a screw or crimp connection in the through hole (58).